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Education Information

Doctorate, Inonu University, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 1992 - 1999

Postgraduate, Inonu University, Fen Bilimleri Enstitüsü, Kimya, Turkey 1988 - 1992

Undergraduate, Inonu University, Fen-Edebiyat Fakültesi, Kimya, Turkey 1984 - 1988

Dissertations

Doctorate, İşlevsel Tetraaminoalkenlerin Sentezi ve Özellikleri, Inonu University, Fen-Edebiyat Fakültesi, Kimya Bölümü, 1990

Research Areas

Chemistry, Organic Chemistry, Organometallics, Natural Sciences

Academic Titles / Tasks

Professor, Inonu University, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2011 - Continues

Associate Professor, Inonu University, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2006 - 2011

Advising Theses

Gök Y., 4-nitrofenil grubu içeren palladyum komplekslerinin sentezi ve özellikleri, Postgraduate, T.ÇAĞLILAR(Student), 2020

Gök Y., 3-siyanobenzil sübtüeyentli nhc-pd-l (L: Morfolin, fosfin, 2-aminopiridin) komplekslerinin sentezi ve özellikleri, Postgraduate, F.TÜRKER(Student), 2020

Gök Y., 4-hidroksifenil grubu içeren karben komplekslerinin sentezi ve özellikleri, Postgraduate, A.BEHÇET(Student), 2020

Gök Y., Hidroksil ve nitril grubu içeren karben komplekslerinin sentezi ve özellikleri, Postgraduate, İ.BEREKET(Student), 2019

Gök Y., [1-(N-metilftalimit)-3-alkilbenzimidazol-2-iliden] gümüş ve palladyum komplekslerinin sentezi ve özellikleri, Postgraduate, A.KAZANCI(Student), 2019

Gök Y., Piridin-Pd-N-heterosiklik karben komplekslerinin sentezi ve özellikleri, Postgraduate, S.DAŞGIN(Student), 2018

Gök Y., Diiyodo[1,3-dialkilbenzimidazol-2-iliden]piridinpalladyum(II) komplekslerinin sentezi ve özellikleri, Postgraduate, F.ERDEMİR(Student), 2018

Gök Y., In vitro cytotoxic activity studies of synthesized benzimidazolium salts, Doctorate, S.AKKOÇ(Student), 2018

GÖK Y., Pd-n-heterosiklik karben komplekslerinin sentezi, özellikleri, katalitik aktiviteleri ve antikanser uygulamaları, Doctorate, A.AKTAŞ(Student), 2017
GÖK Y., İşlevsel grup içeren n-heterosiklik karben komplekslerinin sentezi ve özellikleri, Postgraduate, H.ERDOĞAN(Student), 2017
GÖK Y., N-heterosiklik tuzların sentezi ve özellikleri, Postgraduate, S.AKKOÇ(Student), 2012
GÖK Y., (1,3-dialkilimidazolin-2-iliden)-gümüş ve rutenyum komplekslerinin sentezi ve özellikleri, Postgraduate, A.AKTAŞ(Student), 2012
GÖK Y., (1,3-dialkilbenzimidazol-2-iliden)-gümüş ve palladyum komplekslerinin sentezi ve özellikleri, Postgraduate, Y.SARI(Student), 2012
GÖK Y., İyonik sıvıda amin ve ester oluşumu, Postgraduate, Ö.ÖZEROĞLU(Student), 2009

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **A study about excellent xanthine oxidase inhibitory effects of new pyridine salts**
Yılmaz U., Noma S. A. A. , Tok T. T. , Sen B., GÖK Y., AKTAŞ A., ATEŞ B., AYĞÜN M.
MONATSHEFTE FÜR CHEMIE, 2021 (Journal Indexed in SCI)
- II. **Synthesis, characterization and bioactivities of dative donor ligand N-heterocyclic carbene (NHC) precursors and their Ag(I)NHC coordination compounds**
Kazancı A., GÖK Y., Kaya R., AKTAŞ A., Taslimi P., GÜLÇİN İ.
Polyhedron, vol.193, 2021 (Journal Indexed in SCI Expanded)
- III. **Synthesis, characterization, crystal structure, alpha-glycosidase, and acetylcholinesterase inhibitory properties of 1,3-disubstituted benzimidazolium salts**
BAL S., Demirci O., ŞEN B., Taslimi P., AKTAŞ A., GÖK Y., AYĞÜN M., GÜLÇİN İ.
ARCHIV DER PHARMAZIE, 2021 (Journal Indexed in SCI)
- IV. **Novel silver(I)N-heterocyclic carbene complexes bearing 2-(4-hydroxyphenyl)ethyl group: Synthesis, characterization, and enzyme inhibition properties**
Behcet A., AKTAŞ A., GÖK Y., Kaya R., Taslimi P., GÜLÇİN İ.
JOURNAL OF HETEROCYCLIC CHEMISTRY, 2020 (Journal Indexed in SCI)
- V. **The (NHC)PdBr₂(2-aminopyridine) complexes: synthesis, characterization, molecular docking study, and inhibitor effects on the human serum carbonic anhydrase and serum bovine xanthine oxidase**
Turker F., Noma S. A. A. , AKTAŞ A., Al-Khafaji K., Tok T. T. , ATEŞ B., GÖK Y.
MONATSHEFTE FÜR CHEMIE, 2020 (Journal Indexed in SCI)
- VI. **Synthesis, characterization, crystal structure and bioactivity properties of the b enzimidazole-functionalize d PEPPSI type of Pd(II)NHC complexes**
Daşgın S., Gök Y., Celepci D. B. , Taslimi P., İzmirli M., Aktaş A., Gülçin İ.
JOURNAL OF MOLECULAR STRUCTURE, pp.1-9, 2020 (Journal Indexed in SCI)
- VII. **New Pd-PEPPSI complexes bearing meta-cyanobenzyl-Substituted NHC: Synthesis, characterization, crystal structure and catalytic activity in direct C-H arylation of (Hetero)arenes with aryl bromides**
TÜRKER F., BEREKET I., Celepci D. B. , AKTAŞ A., GÖK Y.
JOURNAL OF MOLECULAR STRUCTURE, vol.1205, 2020 (Journal Indexed in SCI)
- VIII. **Synthesis, crystal structures, spectral investigations, conformational analysis and DFT studies of N-heterocyclic carbene precursors**
ERDEMİR F., Celepci D. B. , AKTAŞ A., GÖK Y.
JOURNAL OF MOLECULAR STRUCTURE, vol.1204, 2020 (Journal Indexed in SCI)
- IX. **A Novel Ag-N-Heterocyclic Carbene Complex Bearing the Hydroxyethyl Ligand: Synthesis, Characterization, Crystal and Spectral Structures and Bioactivity Properties**
AKTAŞ A., Celepci D., GÖK Y., Taslimi P., Akincioglu H., GÜLÇİN İ.
CRYSTALS, vol.10, no.3, 2020 (Journal Indexed in SCI)
- X. **4-Vinylbenzyl and 2-morpholinoethyl substituted ruthenium (II) complexes: Design, synthesis, and biological evaluation**

SARı Y., GÜRSES C., Celepci D. B. , Kelestemur U., AKTAŞ A., YÜKSEL Ş., ATEŞ B., GÖK Y.

JOURNAL OF MOLECULAR STRUCTURE, vol.1202, 2020 (Journal Indexed in SCI)

- XI. **Chemistry, structure, and biological roles of Au-NHC complexes as TrxR inhibitors**
KARAASLAN M. G. , AKTAŞ A., GÜRSES C., GÖK Y., ATEŞ B.
BIOORGANIC CHEMISTRY, vol.95, 2020 (Journal Indexed in SCI)
- XII. **New (NHC)Pd(II)(PPh₃) complexes: synthesis, characterization, crystal structure and its application on Sonogashira and Mizoroki-Heck cross-coupling reactions**
Erdemir F., AKTAŞ A., CELEPCİ D. B. , GÖK Y.
CHEMICAL PAPERS, vol.74, no.1, pp.99-112, 2020 (Journal Indexed in SCI)
- XIII. **Novel 2-methylimidazolium salts: Synthesis, characterization, molecular docking, and carbonic anhydrase and acetylcholinesterase inhibitory properties**
Bal S., Kaya R., GÖK Y., Taslimi P., AKTAŞ A., Karaman M., GÜLÇİN İ.
BIOORGANIC CHEMISTRY, vol.94, 2020 (Journal Indexed in SCI)
- XIV. **New morpholine-liganded palladium(II) N-heterocyclic carbene complexes: Synthesis, characterization, crystal structure, and DNA-binding studies**
TÜRKER F., GÜRSES C., Celepci D. B. , AKTAŞ A., ATEŞ B., GÖK Y.
ARCHIV DER PHARMAZIE, vol.352, no.12, 2019 (Journal Indexed in SCI)
- XV. **In vitro antimicrobial studies of naphthalen-1-ylmethyl substituted silver N-heterocyclic carbene complexes**
GÖK Y., Akkoc S., Celikal O. O. , ÖZDEMİR İ., GÜNAL S.
ARABIAN JOURNAL OF CHEMISTRY, vol.12, no.8, pp.2513-2518, 2019 (Journal Indexed in SCI)
- XVI. **Synthesis, crystal structures, spectral FT-IR, NMR and UV-Vis investigations and Hirshfeld surface analysis of two new 2-hydroxyethyl-substituted N-heterocyclic carbene precursors**
AKTAŞ A., CELEPCİ D. B. , GÖK Y.
JOURNAL OF THE CHINESE CHEMICAL SOCIETY, vol.66, no.10, pp.1389-1396, 2019 (Journal Indexed in SCI)
- XVII. **Novel 2-aminopyridine liganded Pd(II) N-heterocyclic carbene complexes: Synthesis, characterization, crystal structure and bioactivity properties**
Erdemir P., Celepci D. B. , AKTAŞ A., GÖK Y., Kaya R., Taslimi P., Demir Y., GÜLÇİN İ.
BIOORGANIC CHEMISTRY, vol.91, 2019 (Journal Indexed in SCI)
- XVIII. **2-hydroxyethyl-substituted (NHC)Pd(II)(pyridine) (Pd-PEPPSI) Complexes: Synthesis, Characterization and the Catalytic Activity in the Sonogashira Cross-coupling Reaction**
Erdemir F., CELEPCİ D. B. , AKTAŞ A., GÖK Y.
CHEMISTRYSELECT, vol.4, no.19, pp.5585-5590, 2019 (Journal Indexed in SCI)
- XIX. **New 2-hydroxyethyl substituted N-Heterocyclic carbene precursors: Synthesis, characterization, crystal structure and inhibitory properties against carbonic anhydrase and xanthine oxidase**
AKTAŞ A., Noma S. A. A. , CELEPCİ D. B. , Erdemir F., GÖK Y., ATEŞ B.
JOURNAL OF MOLECULAR STRUCTURE, vol.1184, pp.487-494, 2019 (Journal Indexed in SCI)
- XX. **Mixed phosphine/N-heterocyclic carbene-palladium complexes: synthesis, characterization, crystal structure and application in the Sonogashira reaction in aqueous media**
AKTAŞ A., Erdemir F., CELEPCİ D. B. , GÖK Y., AYGÜN M.
TRANSITION METAL CHEMISTRY, vol.44, no.3, pp.229-236, 2019 (Journal Indexed in SCI)
- XXI. **PALLADIUM/BENZIMIDAZOLIUM SALT CATALYST SYSTEMS AND N-HETEROCYCLIC CARBENE-PALLADIUM(II)-PYRIDINE (PEPPSI) COMPLEXES FOR ANTI-MARKOVNIKOV HYDROAMINATIONS OF STYRENE IN IONIC LIQUID**
GÖK Y., YİĞİT B., Celikal O. O. , YİĞİT M.
HETEROCYCLES, vol.98, no.3, pp.403-415, 2019 (Journal Indexed in SCI)
- XXII. **2-methyl-1,4-benzodioxan-substituted bis(NHC)PdX₂ complexes: Synthesis, characterization and the catalytic activity in the direct arylation reaction of some 2-alkyl-heterocyclic compounds**
GÖK Y., AKTAŞ A., Sari Y., Erdogan H.
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, vol.16, no.2, pp.423-433, 2019 (Journal Indexed in SCI)
- XXIII. **Novel morpholine liganded Pd-based N-heterocyclic carbene complexes: Synthesis, characterization,**

- crystal structure, antidiabetic and anticholinergic properties**
AKTAŞ A., CELEPCİ D. B. , Kaya R., Taslimi P., GÖK Y., AYGÜN M., GÜLÇİN İ.
POLYHEDRON, vol.159, pp.345-354, 2019 (Journal Indexed in SCI)
- XXIV. **2-Hydroxyethyl-Substituted (NHC)Pd(II)PPh₃ Complexes: Synthesis, Characterization, Crystal Structure and Its Application on Sonogashira Cross-Coupling Reactions in Aqueous Media**
AKTAŞ A., CELEPCİ D. B. , GÖK Y., AYGÜN M.
CHEMISTRYSELECT, vol.3, no.39, pp.10932-10937, 2018 (Journal Indexed in SCI)
- XXV. **Synthesis, characterization and crystal structure of 2-(4-hydroxyphenyl)ethyl and 2-(4-nitrophenyl)ethyl Substituted Benzimidazole Bromide Salts: Their inhibitory properties against carbonic anhydrase and acetylcholinesterase**
Behcet A., Caglılar T., CELEPCİ D. B. , AKTAŞ A., Taslimi P., GÖK Y., AYGÜN M., Kaya R., GÜLÇİN İ.
JOURNAL OF MOLECULAR STRUCTURE, vol.1170, pp.160-169, 2018 (Journal Indexed in SCI)
- XXVI. **Anti-Markovnikov hydroaminations of styrene catalyzed by palladium(II) N-heterocyclic carbene complexes under conventional and microwave heating**
GÖK Y., YİĞİT B., Celikal O. O. , YİĞİT M.
TRANSITION METAL CHEMISTRY, vol.43, no.7, pp.591-596, 2018 (Journal Indexed in SCI)
- XXVII. **2-Hydroxyethyl-Substituted Pd-PEPSI Complexes: Synthesis, Characterization and the Catalytic Activity in the Suzuki-Miyaura Reaction for Aryl Chlorides in Aqueous Media**
AKTAŞ A., CELEPCİ D. B. , GÖK Y., AYGÜN M.
CHEMISTRYSELECT, vol.3, no.35, pp.9974-9980, 2018 (Journal Indexed in SCI)
- XXVIII. **Schiff bases and their amines: Synthesis and discovery of carbonic anhydrase and acetylcholinesterase enzymes inhibitors**
YİĞİT B., YİĞİT M., Taslimi P., GÖK Y., GÜLÇİN İ.
ARCHIV DER PHARMAZIE, vol.351, no.9, 2018 (Journal Indexed in SCI)
- XXIX. **Four 2-Hydroxyethyl substituted NHC iodide complexes: structural characterization and theoretical comparisons**
Celepci D. B. , AKTAŞ A., GÖK Y., Aygun M.
ACTA CRYSTALLOGRAPHICA A-FOUNDATION AND ADVANCES, vol.74, 2018 (Journal Indexed in SCI)
- XXX. **Novel Benzylic Substituted Imidazolinium, Tetrahydropyrimidinium and Tetrahydrodiazepinium Salts: Potent Carbonic Anhydrase and Acetylcholinesterase Inhibitors**
YİĞİT B., YİĞİT M., CELEPCİ D. B. , GÖK Y., AKTAŞ A., AYGÜN M., Taslimi P., GÜLÇİN İ.
CHEMISTRYSELECT, vol.3, no.27, pp.7976-7982, 2018 (Journal Indexed in SCI)
- XXXI. **meta-Cyanobenzyl substituted benzimidazolium salts: Synthesis, characterization, crystal structure and carbonic anhydrase, -glycosidase, butyrylcholinesterase, and acetylcholinesterase inhibitory properties**
TÜRKER F., Celepci D. B. , AKTAŞ A., Taslimi P., GÖK Y., Aygun M., GÜLÇİN İ.
ARCHIV DER PHARMAZIE, vol.351, no.7, 2018 (Journal Indexed in SCI)
- XXXII. **2-Hydroxyethyl substituted NHC precursors: Synthesis, characterization, crystal structure and carbonic anhydrase, alpha-glycosidase, butyrylcholinesterase, and acetylcholinesterase inhibitory properties**
Erdemir F., CELEPCİ D. B. , AKTAŞ A., Taslimi P., GÖK Y., KARABIYIK H., GÜLÇİN İ.
JOURNAL OF MOLECULAR STRUCTURE, vol.1155, pp.797-806, 2018 (Journal Indexed in SCI)
- XXXIII. **New 4-vinylbenzyl-substituted bis(NHC)-Pd(II) complexes: Synthesis, characterization and the catalytic activity in the direct arylation reaction**
GÖK Y., AKTAŞ A., Erdogan H., Sari Y.
INORGANICA CHIMICA ACTA, vol.471, pp.735-740, 2018 (Journal Indexed in SCI)
- XXXIV. **N-Propylphthalimide-substituted bis-(NHC)PdX₂ complexes: synthesis, characterization and catalytic activity in direct arylation reactions**
Erdogan H., AKTAŞ A., GÖK Y., Sari Y.
TRANSITION METAL CHEMISTRY, vol.43, no.1, pp.31-37, 2018 (Journal Indexed in SCI)
- XXXV. **2-Morpholinoethyl-substituted N-heterocyclic carbene (NHC) precursors and their silver(I)NHC**

complexes: synthesis, crystal structure and in vitro anticancer properties

AKTAŞ A., KELEŞTEMUR U., GÖK Y., BALCIOĞLU S., ATEŞ B., Aygun M.

JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, vol.15, no.1, pp.131-139, 2018 (Journal Indexed in SCI)

- XXXVI. **Novel N-propylphthalimide- and 4-vinylbenzyl-substituted benzimidazole salts: Synthesis, characterization, and determination of their metal chelating effects and inhibition profiles against acetylcholinesterase and carbonic anhydrase enzymes**
SARI Y., AKTAŞ A., Taslimi P., GÖK Y., GÜLÇİN İ.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.32, no.1, 2018 (Journal Indexed in SCI)
- XXXVII. **Synthesis, characterization, crystal structure, and antimicrobial studies of 2-morpholinoethyl-substituted benzimidazolium salts and their silver(I)-N-heterocyclic carbene complexes**
YILDIRIM İ., AKTAŞ A., CELEPCİ D. B. , KIRBAĞ S., KUTLU T., GÖK Y., AYGÜN M.
RESEARCH ON CHEMICAL INTERMEDIATES, vol.43, no.11, pp.6379-6393, 2017 (Journal Indexed in SCI)
- XXXVIII. **Synthesis, Characterization and Crystal Structure of New 2-Morpholinoethyl-Substituted Bis-(NHC)Pd(II) Complexes and the Catalytic Activity in the Direct Arylation Reaction**
SARI Y., AKTAŞ A., CELEPCİ D. B. , GÖK Y., AYGÜN M.
CATALYSIS LETTERS, vol.147, no.9, pp.2340-2351, 2017 (Journal Indexed in SCI)
- XXXIX. **New compounds based on a benzimidazole nucleus: synthesis, characterization and cytotoxic activity against breast and colon cancer cell lines**
AKKOC S., KAYSER V., İLHAN İ. Ö. , Hibbs D. E. , GÖK Y., Williams P. A. , Hawkins B., Lai F.
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.839, pp.98-107, 2017 (Journal Indexed in SCI)
- XL. **Novel NHC Precursors: Synthesis, Characterization, and Carbonic Anhydrase and Acetylcholinesterase Inhibitory Properties**
AKTAŞ A., Taslimi P., GÜLÇİN İ., GÖK Y.
ARCHIV DER PHARMAZIE, vol.350, no.6, 2017 (Journal Indexed in SCI)
- XLI. **Carbon-carbon bond formation catalyzed by PEPSI Pd-NHC**
AKKOC S., İLHAN İ. Ö. , GÖK Y., KAYSER V.
INORGANICA CHIMICA ACTA, vol.461, pp.52-56, 2017 (Journal Indexed in SCI)
- XLII. **Synthesis of novel palladium(II) N-heterocyclic carbene complexes and their catalytic activities in the direct C5 arylation reactions**
YIĞİT M., YIĞİT B., GÖK Y.
INORGANICA CHIMICA ACTA, vol.453, pp.23-28, 2016 (Journal Indexed in SCI)
- XLIII. **INTERMOLECULAR HYDROAMINATION OF STYRENE CATALYZED BY PALLADIUM(II) N-HETEROCYCLIC CARBENE COMPLEXES IN IONIC LIQUID**
YIĞİT B., YIĞİT M., GÖK Y., Celikal O. O.
HETEROCYCLES, vol.92, no.11, pp.1994-2003, 2016 (Journal Indexed in SCI)
- XLIV. **In vitro cytotoxic activities of new silver and PEPSI palladium N-heterocyclic carbene complexes derived from benzimidazolium salts**
AKKOC S., İLHAN İ. Ö. , GÖK Y., Upadhyay P. J. , KAYSER V.
INORGANICA CHIMICA ACTA, vol.449, pp.75-81, 2016 (Journal Indexed in SCI)
- XLV. **N-Methylphthalimide-substituted benzimidazolium salts and PEPSI Pd-NHC complexes: synthesis, characterization and catalytic activity in carbon-carbon bond-forming reactions**
AKKOC S., GÖK Y., İLHAN İ. Ö. , KAYSER V.
BEILSTEIN JOURNAL OF ORGANIC CHEMISTRY, vol.12, pp.81-88, 2016 (Journal Indexed in SCI)
- XLVI. **In situ Generation of Efficient Palladium N-heterocyclic Carbene Catalysts Using Benzimidazolium Salts for the Suzuki-Miyaura Cross-coupling Reaction**
AKKOC S., GÖK Y., İLHAN İ. Ö. , KAYSER V.
CURRENT ORGANIC SYNTHESIS, vol.13, no.5, pp.761-766, 2016 (Journal Indexed in SCI)
- XLVII. **EFFECT OF SALICYLIC ACID AND SELENIUM ON ANTIOXIDANT SYSTEM OF AVENA SATIVA L. UNDER FENOXAPROP-P-ETHYL STRESS**
YIĞİT E., AKBULUT G. B. , BAYRAM D., KAYA A., GÖK Y.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.25, no.3, pp.874-884, 2016 (Journal Indexed in SCI)

- XLVIII. In vitro antimicrobial studies of new benzimidazolium salts and silver N-heterocyclic carbene complexes**
GÖK Y., Akkoc S., Erdogan H., ALBAYRAK S.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, no.6, pp.1322-1327, 2016 (Journal Indexed in SCI)
- XLIX. Benzimidazolium-based novel silver N-heterocyclic carbene complexes: synthesis, characterisation and in vitro antimicrobial activity**
SARI Y., Akkoc S., GÖK Y., Sifniotis V., ÖZDEMİR İ., GÜNAL S., Kayser V.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, no.6, pp.1527-1530, 2016 (Journal Indexed in SCI)
- L. Dichlorido(3-chloropyridine-N)[1,3-dialkylbenzimidazol-2-ylidene] palladium(II) complexes: Synthesis, characterization and catalytic activity in the arylation reaction**
Akkoc S., GÖK Y.
INORGANICA CHIMICA ACTA, vol.429, pp.34-38, 2015 (Journal Indexed in SCI)
- LI. Synthesis, antioxidant and anti-microbial properties of two organoselenium compounds**
TALAS Z. S., GÖK Y., ÖZDEMİR İ., ATEŞ B., GÜNAL S., YILMAZ İ.
PAKISTAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.28, no.2, pp.611-616, 2015 (Journal Indexed in SCI)
- LII. N-Propylphthalimide-Substituted Silver(I) N-Heterocyclic Carbene Complexes and Ruthenium(II) N-Heterocyclic Carbene Complexes: Synthesis and Transfer Hydrogenation of Ketones**
AKTAŞ A., GÖK Y.
CATALYSIS LETTERS, vol.145, no.2, pp.631-639, 2015 (Journal Indexed in SCI)
- LIII. Imidazole, pyrimidine and diazepine containing heteroaryl-substituted heterocyclic salts as efficient ligand precursors for Mizoroki-Heck coupling reaction: synthesis, structural characterization and catalytic activities**
Gok Y., Akkoc S., AKKURT M., Tahir M. N.
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, vol.11, no.6, pp.1767-1774, 2014 (Journal Indexed in SCI)
- LIV. Catalytic activities in direct arylation of novel palladium N-heterocyclic carbene complexes**
Akkoc S., GÖK Y.
APPLIED ORGANOMETALLIC CHEMISTRY, vol.28, no.12, pp.854-860, 2014 (Journal Indexed in SCI)
- LV. 4-Vinylbenzyl-substituted silver(I) N-heterocyclic carbene complexes and ruthenium(II) N-heterocyclic carbene complexes: synthesis and transfer hydrogenation of ketones**
AKTAŞ A., GÖK Y.
TRANSITION METAL CHEMISTRY, vol.39, no.8, pp.925-931, 2014 (Journal Indexed in SCI)
- LVI. N-Phenyl-substituted carbene precursors and their silver complexes: synthesis, characterization and antimicrobial activities**
GÖK Y., Akkoc S., ALBAYRAK S., AKKURT M., Tahir M. N.
APPLIED ORGANOMETALLIC CHEMISTRY, vol.28, no.4, pp.244-251, 2014 (Journal Indexed in SCI)
- LVII. Catalytic activities in the direct C5 arylation of novel palladium N-heterocyclic carbene complexes containing benzimidazol-2-ylidene nucleus**
Akkoc S., GÖK Y., AKKURT M., Tahir M. N.
INORGANICA CHIMICA ACTA, vol.413, pp.221-230, 2014 (Journal Indexed in SCI)
- LVIII. Palladium catalyzed Mizoroki-Heck and Suzuki-Miyaura reactions using naphthalenomethyl-substituted imidazolidin-2-ylidene ligands in aqueous media**
AKTAŞ A., Akkoc S., GÖK Y.
JOURNAL OF COORDINATION CHEMISTRY, vol.66, no.16, pp.2901-2909, 2013 (Journal Indexed in SCI)
- LIX. Modulating effects of selenium in adrenal medulla of rats exposed to 7,12-dimethylbenz[a]anthracene**
TALAS Z. S., ÖZDEMİR İ., ATEŞ B., GÖK Y., Yılmaz İ.
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.29, no.3, pp.286-292, 2013 (Journal Indexed in SCI)
- LX. Synthesis and characterization of 1-phenyl-3-alkylbenzimidazol-2-ylidene salts and their catalytic activities in the Heck and Suzuki cross-coupling reactions**

Akkoc S., GÖK Y.

JOURNAL OF COORDINATION CHEMISTRY, vol.66, no.8, pp.1396-1404, 2013 (Journal Indexed in SCI)

- LXI. **N-functionalized benzimidazol-2-ylidene silver complexes: synthesis, characterization, and antimicrobial studies**
GÖK Y., Akkoc S., OZEROGLU CELIKAL O., ÖZDEMİR İ., GÜNAL S., SAYIN E.
TURKISH JOURNAL OF CHEMISTRY, vol.37, no.6, pp.1007-1013, 2013 (Journal Indexed in SCI)
- LXII. **The effects of organic selenium on some physiological and biochemical parameters in *Hordeum Vulgare* L. and *Triticum Aestivum* L. exposed to salt stress**
YİĞİT E., AKBULUT G. B. , GÖK Y., BAYRAM D.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.21, pp.743-747, 2012 (Journal Indexed in SCI)
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